MC Production Status

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CDF Simulation Meeting

Status

5.3.3.v6 Production

Info's

- Priority list:

  http://www-cdf.fnal.gov/internal/mcProduction/Priority 20040625 2.txt

- Datasets

  http://hep.physics.utoronto.ca/RachidMazini/cdf/cdfmcprod.html

  for now, only completed datasets, with logfiles, DFC info's…

  Future requests will be added when priority list is done.

Production status

- New MCProd tarball with Herwig 6.505
  - MCProd_v5_3_3_v6
- Reprocessing Herwig QCD dijet samples
- Waiting for Herwig fix for QED/FSR to process top samples
- Disk space is not an issue anymore, concatenation is more efficient and datasets are quickly put into DFC.
- Production done in Alberta and Toronto
  - About 2 weeks of full CPU usage in Toronto to complete Herwig samples

5.3.3.v6 production

- QCD Herwig dijet with 0 min bias

• dijet PT= 18	5M	jqcd2h	done (transfer to FNAL)	Toronto
• dijet PT= 40	5M	jqcd3h		Toronto
• dijet PT= 3	1M	jqcd0h	running	Toronto
• dijet PT= 10	1M	jqcd1h	queued	Toronto
• dijet PT= 60	1M	jqcd4h	queued	Toronto
• dijet PT= 90	2M	jqcddh		Alberta
• dijet PT=120	2M	jqcd5h		Alberta
• dijet PT=150	2M	jqcd6h		Toronto
• dijet PT=200	1M	jqcd7h		Toronto
• dijet PT=300	1M	jqcd8h		Toronto
• dijet PT=400	1M	jqcd9h		Toronto
• dijet PT=500	1M	jqcdah		Toronto
• dijet PT=600	1M	jqcdbh		Toronto

5.3.3.v6 production

- QCD Pythia
  - dijet PT=0 2M jqcdwg done (in DFC) Toronto
  - dijet PT=600 1M jqcdxg done (transfer to FNAL) Toronto
- QCD ALPGEN+HERWIG
  - bbar PT=8 0.5M jqcdvg

MC production statistics

- 5.3.1, 5.3.2 and 5.3.3 productions

	Alberta	FNAL/DCAF	Toronto
# MC Events	15M	4M	95M

- 90% of concatenation jobs done at FNAL